

BROOM-TEK™ BROOMABLE OVERLAY

Broom-Tek™ is a polymer modified cementitious coating specifically designed as an overlayment for any concrete surface, providing an economical way to resurface and beautify old, chipped, spalled, or scaled concrete

FEATURES

- Polymer modified
- Freeze and thaw resistant
- Safe from deterioration from oils, grease, and salts
- Interior or exterior application
- Extremely durable
- Tenacious bond

STORAGE

Store in a safe, dry place. DO NOT ALLOW PRODUCT TO GET WET. Shelf life is approximately 12 months.

CAUTIONS

KEEP OUT OF REACH OF CHILDREN. Before using or handling, read the Material Safety Data Sheets and Warranty. DO NOT TAKE INTERNALLY. Use good hygiene when handling these products and wash and bathe after each use.

EQUIPMENT FOR APPLICATION

Equipment for installation includes or could include steel trowel(s), squeegee, knee pads, double row cup grinding wheel, diamond crack chaser, diamond blades, 4" and/or 9" grinders, ½" heavy duty drill, mixing paddle, pressure washer, masking paper and maskers, and concrete finishing broom.

PREPARATION FOR APPLICATION

Completely clean the concrete to be overlaid by acid etching and power washing. Remove any unsound concrete and any oil or foreign materials that may inhibit bond. Slick or sealed surfaces may require surfaces to be roughened.

Maintain all expansion joints. Cover the joints with filament tape to prevent the coating from filling the joints. Remove tape upon completion while material is still soft. An alternative method would be to fill the joints with the coating and then re-saw the joints after the coating has cured.

Patch any areas greater than ½" in depth with Fast Patch™ or G-100™ / DuraSet™ 1000, or use layers of Broom-Tek™ to fill in the area to be patched. If using Broom-Tek™ to patch, allow to set before applying another layer.

USES

- Resurface sidewalks
- Patios
- Curbs
- Driveways
- Concrete Steps

COVERAGE

Coverage will vary depending on the substrate and the type of texturing applied. One kit will cover approximately 100 sq. ft. at 1/16" under typical texture applications.

COLOR

Broom-Tek™ is available in gray.

PREPARATION FOR APPLICATION (CONTINUED)

Cracks in concrete must be repaired before the coating is applied. If possible, make a small test area and examine after several days. Before application, dampen the area and remove excess water. Refer to the technical information below for surface specifications. Add ¾ to 1 cups of desired C-Series Liquid Colorant to mix and blend until color is consistent. Primary colors require additional colorant to achieve proper color. (Blue, Black, Red, White and Chocolate are colors that require the addition of more colorant.) The color achieved is determined by the contractor mixing this product.

MIXING

The Broom-Tek™ Kit is packaged in a five-gallon plastic pail and contains a 40-pound bag of Broom-Tek™ mix and one gallon of DuraSet™ 2000. Using clean tools, buckets, and mixing equipment, pour the DuraSet™ 2000 into a clean pail. Slowly add the bag contents and mix with a paddle or egg-beater mixer thoroughly until a uniform mixture is achieved.

Allow the mixture to slake (stand) for three or four minutes and remix. This "resting" period enables initiation of the chemical reaction within the mixture. Maintain consistent mixing of subsequent batches to achieve consistent results. DO NOT ADD WATER!

APPLICATION METHODS

Normal placement is done by pouring the material onto the concrete and spreading the mixture with a squeegee or trowel. Add desired texture with a concrete finishing broom.



Other methods include applying by a hopper gun and/or trowel. Do not pour out more material than can be placed within five minutes. Final appearance is dependent upon application and desired texture and will therefore vary from job to job.

For best results, allow coating to cure for 24 hours before applying a coat of SuperSeal™ 2000 or GemKote™ 100, 350,

APPLICATION METHODS (CONTINUED)

400. Apply sealer during the “cool” time of the day. Do not allow water on the coating until the sealer has completely dried. Do not apply when air or substrate temperature is below 50°F or above 90°F.

POT LIFE

Varies for mixed material with temperatures but generally is workable for 20-30 minutes at 75°F. The coating will take longer to set in temperatures below 50°F and will set faster in temperatures over 90°F.

CURING

Curing is not needed under normal weather conditions as the coating typically dries very quickly. In extreme hot temperatures and/or high winds, keep the coating covered with kraft paper to prevent premature drying.

SEALER

SuperSeal™ 2000, GemKote™ 400, GemKote™ 350 and GemKote™ 100 are commonly used for sealing Broom-Tek™. Concrete Coatings, Inc. SuperGlaze™ 3600,

“Concrete Coatings Inc. warrants its products to be free of manufacturing defects and that they will meet Concrete Coatings Inc. current published physical properties when applied in accordance with Concrete Coatings Inc. written directions and tested in accordance with ACI, ASTM and Concrete Coatings Inc. Standards. There are no other warranties by Concrete Coatings Inc. of any nature whatsoever, expressed or implied, including any warranty of merchantability or fitness for a particular purpose in connection with this product. Concrete Coatings Inc. shall not be liable for damages of any sort, including remote or consequential damages, resulting from any claimed breach of any warranty, whether expressed or implied, from any other cause whatsoever. Concrete Coatings Inc. will not be responsible for use of this product in a manner to infringe on any patent held by others. User assumes all liability and risk associated with use, selection, application and warranty of product. Concrete Coatings Inc. makes no representation as to the suitability of product for any application and/or damages of any kind directly or indirectly associated with its selection or application.”

SuperSeal™ 20WB, SuperGlaze™ WBU and UV Shield™ may also be used. Consult technical support for specific recommendations instructions. See Sealer Technical Data Sheet (TDS) for sealer information.

MAINTENANCE

The sealed surface should be inspected periodically for areas of thin or traffic-worn sealer and re-applied as needed. If traces of efflorescence are present, this should first be eliminated with Concrete Coatings, Inc. Efflorescence and Antique Release Remover or a gentle cleaner. For maximum life expectancy, routinely sweep and wash floors with appropriate cleaners and detergents. All chemicals or abrasive grit should be removed as soon as possible.

WARNING

Broom-Tek™ powder contains silicon dioxide and Portland cement. Normal safety wear such as protective clothing, boots, rubber gloves, dust masks, eye safety glasses should be worn while handling cement-based products. Material Safety Data Sheets are available upon request.

DuraSet™ 2000 may be harmful if swallowed. Avoid contact with eyes, flush with clean water for at least 15 minutes. Consult physician if irritation persists. Empty containers may be hazardous to children. Material Data Safety Sheets are available upon requests.

FOR THE LOCATION OF YOUR NEAREST CONCRETE COATINGS INC. REPRESENTATIVE, CALL NATIONWIDE TOLL-FREE 1-800-443-2871